



Australian Government
**Department of Agriculture,
 Fisheries and Forestry**

Lupin residue testing annual datasets 2021-22

National Residue Survey (NRS), Department of Agriculture, Fisheries and Forestry

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, retina 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

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Table 1: CONTAMINANTS

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>½MRL to ≤MRL	>MRL
aldrin and dieldrin (HHDN+HEOD)	Whole	0.01	not set	49	-	-
chlordane	Whole	0.01	0.02	49	0	0
DDT	Whole	0.01	1	49	0	0
endosulfan	Whole	0.01	not set	49	-	-
endrin	Whole	0.01	not set	49	-	-
HCB (hexachlorobenzene)	Whole	0.01	not set	49	-	-
HCH (BHC)	Whole	0.01	not set	49	-	-
heptachlor	Whole	0.01	0.05	49	0	0
lindane (gamma-HCH)	Whole	0.01	2	49	0	0

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Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>½MRL to ≤MRL	>MRL
mirex	Whole	0.01	not set	49	-	-

Table 2: FUNGICIDES

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>½MRL to ≤MRL	>MRL
azoxystrobin	Whole	0.01	0.3	49	0	0
benalaxyl	Whole	0.01	not set	49	-	-
bitertanol	Whole	0.01	not set	49	-	-
bixafen	Whole	0.01	0.1	49	0	0
boscalid	Whole	0.01	0.5	49	0	0
bupirimate	Whole	0.01	not set	49	-	-
captafol	Whole	0.02	not set	49	-	-
captan	Whole	0.01	not set	49	-	-
carbendazim	Whole	0.01	0.5	49	0	0
carboxin	Whole	0.01	not set	49	-	-
chlorothalonil	Whole	0.01	3	49	0	0
cyproconazole	Whole	0.01	0.05	49	0	0
cyprodinil	Whole	0.01	not set	49	-	-
difenoconazole	Whole	0.01	not set	49	-	-
dimethomorph	Whole	0.01	not set	49	-	-
dithianon	Whole	0.01	not set	49	-	-
dodine	Whole	0.01	not set	49	-	-
epoxiconazole	Whole	0.01	not set	49	-	-
etridiazole	Whole	0.01	0.2	49	0	0
fenarimol	Whole	0.01	not set	49	-	-
fenbuconazole	Whole	0.01	not set	49	-	-
fenhexamid	Whole	0.01	not set	49	-	-
fluzainam	Whole	0.01	not set	49	-	-
fludioxonil	Whole	0.01	0.1	49	0	0
fluquinconazole	Whole	0.01	not set	49	-	-
flusilazole	Whole	0.01	not set	49	-	-
flutriafol	Whole	0.01	0.05	49	0	0
fluxapyroxad	Whole	0.01	0.1	49	0	0
hexaconazole	Whole	0.01	not set	49	-	-
imazalil	Whole	0.01	not set	49	-	-
ipconazole	Whole	0.01	not set	49	-	-
iprodione	Whole	0.01	0.1	49	0	0

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Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>½MRL to ≤MRL	>MRL
isoprothiolane	Whole	0.01		49	0	0
kresoxim-methyl	Whole	0.01	not set	49	-	-
metalaxyl	Whole	0.01	not set	49	-	-
myclobutanil	Whole	0.01	not set	49	-	-
oxadixyl	Whole	0.01	not set	49	-	-
penconazole	Whole	0.01	not set	49	-	-
penflufen	Whole	0.01	0.01	49	0	0
prochloraz	Whole	0.01	not set	49	-	-
procymidone	Whole	0.01	0.01	49	0	0
propiconazole	Whole	0.01	0.3	49	0	0
prothioconazole	Whole	0.01	0.1	49	0	0
pyraclostrobin	Whole	0.01	not set	49	-	-
pyrimethanil	Whole	0.01	not set	49	-	-
quinoxifen	Whole	0.01	not set	49	-	-
sedaxane	Whole	0.01	not set	49	-	-
spiroxamine	Whole	0.01	not set	49	-	-
tebuconazole	Whole	0.01	1	49	0	0
thiabendazole	Whole	0.01	not set	49	-	-
tolclofos methyl	Whole	0.01	not set	49	-	-
triadimefon	Whole	0.01	not set	49	-	-
triadimenol	Whole	0.01	not set	49	-	-
trifloxystrobin	Whole	0.01	not set	49	-	-
triticonazole	Whole	0.01	not set	49	-	-
vinclozolin	Whole	0.01	not set	49	-	-

Table 3: HERBICIDES

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>½MRL to ≤MRL	>MRL
2,2-DPA (2,2-dichloropropionic acid)	Whole	0.01	not set	49	-	-
2,4-D	Whole	0.01	not set	49	-	-
2,4-DB	Whole	0.01	not set	49	-	-
acifluorfen	Whole	0.01	0.1	49	0	0
ametryn	Whole	0.01	not set	49	-	-
aminopyralid	Whole	0.01	not set	49	-	-
amitrole	Whole	0.01	0.01	4	0	0
atrazine	Whole	0.01	0.02	49	0	0
bentazone	Whole	0.01	0.01	49	0	0
bicyclopyrone	Whole	0.01	not set	49	-	-

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Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>½MRL to ≤MRL	>MRL
bromacil	Whole	0.01	not set	49	-	-
bromoxynil	Whole	0.01	not set	49	-	-
butoxydim	Whole	0.01	0.01	49	0	0
carfentrazone-ethyl	Whole	0.01	not set	49	-	-
chlormequat	Whole	0.01	not set	4	-	-
chlorpropham	Whole	0.01	not set	49	-	-
chlorsulfuron	Whole	0.01	not set	49	-	-
chlorthal-dimethyl	Whole	0.01	not set	49	-	-
clethodim	Whole	0.01	0.2	49	0	0
clodinafop acid	Whole	0.01	not set	49	-	-
clodinafop-propargyl	Whole	0.01	not set	49	-	-
clomazone	Whole	0.01	not set	49	-	-
clopyralid	Whole	0.01	not set	49	-	-
cloquintocet-mexyl	Whole	0.01	not set	49	-	-
cyanazine	Whole	0.01	0.01	49	0	0
dicamba	Whole	0.01	not set	49	-	-
dichlobenil	Whole	0.01	not set	49	-	-
dichlorprop-P	Whole	0.01	not set	4	-	-
diclofop-methyl	Whole	0.01	0.1	4	0	0
diflufenican	Whole	0.01	0.05	49	0	0
dimethenamid-P	Whole	0.01	0.02	49	0	0
diquat	Whole	0.01	1	4	0	0
diuron	Whole	0.01	0.05	49	0	0
EPTC	Whole	0.01	0.04	49	0	0
ethofumesate	Whole	0.01	not set	49	-	-
fenoxaprop-ethyl	Whole	0.01	not set	49	-	-
flamprop-M-methyl	Whole	0.01	not set	4	-	-
florasulam	Whole	0.01	not set	49	-	-
fluazifop-p-butyl	Whole	0.01	0.1	4	0	0
flumetsulam	Whole	0.01	0.05	49	0	0
flumioxazin	Whole	0.01	0.1	49	0	0
fluroxypyr	Whole	0.01	not set	49	-	-
glufosinate	Whole	0.01	not set	4	-	-
glyphosate	Whole	0.01	5	4	0	0
halauxifen-methyl	Whole	0.01	not set	49	-	-
halosulfuron-methyl	Whole	0.01	not set	49	-	-
haloxyfop	Whole	0.005	0.1	4	0	0
iodosulfuron-methyl	Whole	0.01	not set	49	-	-
ioxynil	Whole	0.01	not set	49	-	-

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Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>½MRL to ≤MRL	>MRL
isoxaben	Whole	0.01	not set	49	-	-
isoxaflutole	Whole	0.01	not set	49	-	-
linuron	Whole	0.01	not set	49	-	-
MCPA	Whole	0.01	not set	49	-	-
MCPB	Whole	0.01	0.02	49	0	0
mefenpyr-diethyl	Whole	0.01	not set	49	-	-
metazachlor	Whole	0.01	0.03	49	0	0
methabenzthiazuron	Whole	0.01	not set	49	-	-
metolachlor	Whole	0.01	0.01	49	0	0
metosulam	Whole	0.01	0.02	49	0	0
metribuzin	Whole	0.01	0.01	49	0	0
metsulfuron-methyl	Whole	0.01	not set	49	-	-
napropamide	Whole	0.01	not set	49	-	-
norflurazon	Whole	0.01	not set	49	-	-
oryzalin	Whole	0.01	not set	49	-	-
oxyfluorfen	Whole	0.01	not set	49	-	-
paraquat	Whole	0.01	1	4	0	0
pendimethalin	Whole	0.01	0.05	49	0	0
picloram	Whole	0.01	not set	49	-	-
picolinafen	Whole	0.01	0.02	49	0	0
pinoxaden (parent)	Whole	0.01	not set	49	-	-
prometryn	Whole	0.01	0.1	49	0	0
propachlor	Whole	0.01	not set	49	-	-
propaquizafop	Whole	0.01	0.05	4	0	0
propyzamide	Whole	0.01	0.01	49	0	0
prosulfocarb	Whole	0.01	0.01	49	0	0
pyraflufen-ethyl	Whole	0.01	0.02	49	0	0
pyrasulfotole	Whole	0.01	not set	49	-	-
pyroxasulfone	Whole	0.01	0.01	49	0	0
pyroxsulam	Whole	0.01	not set	49	-	-
quizalofop-ethyl	Whole	0.01	0.2	4	0	0
quizalofop-P-tefuryl	Whole	0.01	0.2	4	0	0
saflufenacil	Whole	0.01	0.2	49	0	0
sethoxydim	Whole	0.01	0.2	49	0	0
simazine	Whole	0.01	0.05	49	0	0
sulfosulfuron	Whole	0.01	not set	49	-	-
terbuthylazine	Whole	0.01	0.02	49	0	0
terbutryn	Whole	0.01	not set	49	-	-
tralkoxydim	Whole	0.01	not set	49	-	-

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Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>½MRL to ≤MRL	>MRL
triallate	Whole	0.01	0.1	49	0	0
triasulfuron	Whole	0.01	not set	49	-	-
tribenuron-methyl	Whole	0.01	not set	49	-	-
triclopyr	Whole	0.01	not set	49	-	-
trifluralin	Whole	0.01	0.05	49	0	0

Table 4: INSECTICIDES

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>½MRL to ≤MRL	>MRL
abamectin	Whole	0.01	not set	49	-	-
acephate	Whole	0.01	not set	49	-	-
acetamiprid	Whole	0.01	not set	49	-	-
aldicarb	Whole	0.01	not set	49	-	-
amitraz	Whole	0.01	not set	49	-	-
azamethiphos	Whole	0.01	not set	49	-	-
azinphos-methyl	Whole	0.01	not set	49	-	-
bifenazate	Whole	0.01	not set	49	-	-
bifenthrin	Whole	0.01	0.02	49	0	0
bioresmethrin	Whole	0.01	not set	49	-	-
buprofezin	Whole	0.01	0.01	49	0	0
cadusafos	Whole	0.01	not set	49	-	-
carbaryl	Whole	0.01	0.1	49	0	0
carbofuran	Whole	0.01	not set	49	-	-
chlorantraniliprole	Whole	0.01	0.07	49	0	0
chlorfenapyr	Whole	0.01	not set	49	-	-
chlorfenvinphos	Whole	0.01	not set	49	-	-
chlorpyrifos	Whole	0.01	not set	49	-	-
chlorpyrifos-methyl	Whole	0.01	0.15	49	0	0
clofentezine	Whole	0.01	not set	49	-	-
clothianidin	Whole	0.01	0.1	49	0	0
cyantraniliprole	Whole	0.01	0.05	49	0	0
cyfluthrin	Whole	0.01	not set	49	-	-
cyhalothrin	Whole	0.01	0.2	49	0	0
cypermethrin	Whole	0.01	0.01	49	0	0
deltamethrin	Whole	0.01	0.1	49	0	0
diafenthiuron	Whole	0.01	not set	49	-	-
diazinon	Whole	0.01	0.7	49	0	0
dichlorvos	Whole	0.01	0.01	49	0	0

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Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>½MRL to ≤MRL	>MRL
dicofol	Whole	0.01	not set	49	-	-
diflubenzuron	Whole	0.01	not set	49	-	-
dimethoate	Whole	0.01	0.7	49	0	0
disulfoton	Whole	0.01	not set	49	-	-
emamectin	Whole	0.01	0.01	49	0	0
ethion	Whole	0.01	not set	49	-	-
ethoprophos	Whole	0.005	not set	49	-	-
etoxazole	Whole	0.01	not set	49	-	-
fenamiphos	Whole	0.01	not set	49	-	-
fenbutatin oxide	Whole	0.01	not set	49	-	-
fenitrothion	Whole	0.01	0.1	49	0	0
fenoxycarb	Whole	0.01	not set	49	-	-
fenpyroximate	Whole	0.01	not set	49	-	-
fenthion	Whole	0.01	not set	49	-	-
fenvalerate	Whole	0.01	0.5	49	0	0
fipronil	Whole	0.002	not set	49	-	-
flonicamid	Whole	0.01	not set	49	-	-
hexythiazox	Whole	0.01	not set	49	-	-
imidacloprid	Whole	0.01	0.2	49	0	0
indoxacarb	Whole	0.01	0.2	49	0	0
malathion	Whole	0.01	2	49	0	0
methacrifos	Whole	0.01	not set	49	-	-
methamidophos	Whole	0.01	not set	49	-	-
methidathion	Whole	0.01	not set	49	-	-
methiocarb	Whole	0.01	not set	49	-	-
methomyl	Whole	0.01	1	49	0	0
methoprene	Whole	0.01	not set	49	-	-
methoxychlor	Whole	0.01	not set	49	-	-
methoxyfenozide	Whole	0.01	not set	49	-	-
mevinphos	Whole	0.01	not set	49	-	-
monocrotophos	Whole	0.01	not set	49	-	-
omethoate	Whole	0.01	0.1	49	0	0
parathion	Whole	0.01	not set	49	-	-
parathion-methyl	Whole	0.01	not set	49	-	-
permethrin	Whole	0.01	not set	49	-	-
phenothrin	Whole	0.01	not set	49	-	-
phorate	Whole	0.01	not set	49	-	-
phosmet	Whole	0.01	not set	49	-	-
piperonyl butoxide	Whole	0.01	8	49	0	0

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Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>½MRL to ≤MRL	>MRL
pirimicarb	Whole	0.01	0.02	49	0	0
pirimiphos-methyl	Whole	0.01	not set	49	-	-
profenofos	Whole	0.01	not set	49	-	-
propargite	Whole	0.01	not set	49	-	-
prothiofos	Whole	0.01	not set	49	-	-
pymetrozine	Whole	0.01	0.02	49	0	0
pyrethrins	Whole	0.01	1	49	0	0
pyriproxyfen	Whole	0.01	not set	49	-	-
spinetoram	Whole	0.01	0.01	49	0	0
spinosad	Whole	0.01	0.01	49	0	0
spirotetramat	Whole	0.01	not set	49	-	-
sulfoxaflor	Whole	0.01	not set	49	-	-
tau-fluvalinate	Whole	0.01	not set	49	-	-
tebufenozide	Whole	0.01	not set	49	-	-
tebufenpyrad	Whole	0.01	not set	49	-	-
terbufos	Whole	0.01	not set	49	-	-
tetradifon	Whole	0.01	not set	49	-	-
thiacloprid	Whole	0.01	not set	49	-	-
thiamethoxam	Whole	0.01	0.5	49	0	0
thiodicarb	Whole	0.01	0.1	49	0	0
triazofos	Whole	0.01	not set	49	-	-
trichlorfon	Whole	0.01	0.2	49	0	0
triflumuron	Whole	0.01	not set	49	-	-

Table 5: PHYSIOLOGICAL MODIFIER

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>½MRL to ≤MRL	>MRL
trinexapac-ethyl	Whole	0.01	not set	49	-	-